

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>P018301WO DAA</b>	<b>FOR FURTHER ACTION</b>		see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. <b>PCT/GB2004/003423</b>	International filing date (day/month/year) <b>06/08/2004</b>	(Earliest) Priority Date (day/month/year) <b>22/08/2003</b>	
Applicant  <b>DANISCO A/S</b>			

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 04 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

**COMPOSITION COMPRISING A BACTERIOCIN AND AN EXTRACT FROM A PLANT OF THE LABIATAE FAMILY**

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/003423

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A01N63/02 A01N65/00 A01N45/00 A01N37/38 A01N37/36  
 A01N35/06 A01N31/16 A01N31/08  
 //(A01N63/02,65:00,45:00,37:38,37:36,35:06,31:16,31:08)

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	INTERNATIONAL JOURNAL OF FOOD MICROBIOLOGY, vol. 68, 2001, pages 141-148, XP002300238 abstract	1-67
X	----- FEMS MICROBIOLOGY LETTERS, vol. 183, 2000, pages 191-195, XP002300239 abstract page 193, paragraph 2 page 194, column 1	1-67
X	----- LETTERS IN APPLIED MICROBIOLOGY, vol. 29, 1999, pages 166-170, XP001203428 cited in the application abstract; table 1 ----- -/--	1-67

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

15 October 2004

Date of mailing of the international search report

18/11/2004

Name and mailing address of the ISA

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Authorized officer

Molina de Alba, J

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/003423

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	LETTERS IN APPLIED MICROBIOLOGY, vol. 36, 2003, pages 448-451, XP009037915 abstract page 449, column 1, paragraph 2 page 450, column 1, paragraph 2 - page 451, column 1, paragraph 1 -----	1-67
X	FOOD SCI. TECH. INT., vol. 7, no. 6, 2001, pages 487-492, XP009037859 cited in the application abstract page 488, column 1, paragraph 3 page 490, column 2, paragraph 3 page 491, column 2, paragraph 1 -----	1-67
X	INNOVATIVE FOOD SCIENCE AND EMERGING TECHNOLOGIES, vol. 3, no. 1, 2002, pages 55-61, XP009037860 cited in the application abstract -----	1-67
P,X	JOURNAL OF FOOD SAFETY, vol. 23, 2003, pages 201-217, XP009037908 abstract -----	1-67
A	US 6 451 365 B1 (KING WILLIAM ET AL) 17 September 2002 (2002-09-17) abstract -----	1-67

## INTERNATIONAL SEARCH REPORT

### Information on patent family members

International Application No

PCT/GB2004/003423

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6451365	B1	17-09-2002	PL 352757 A1 US 2002197366 A1	08-09-2003 26-12-2002
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International Application No  
PCT/GB2004/003423

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A01N35/06 A01N31/16 A01N31/08  
/(A01N63/02, 65:00, 45:00, 37:38, 37:36, 35:06, 31:16, 31:08)

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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

15 October 2004

Date of mailing of the international search report

18/11/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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P,X	JOURNAL OF FOOD SAFETY, vol. 23, 2003, pages 201-217, XP009037908 abstract -----	1-67
A	US 6 451 365 B1 (KING WILLIAM ET AL) 17 September 2002 (2002-09-17) abstract -----	1-67

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